




Landslide mapping by King County staff (2014) under contract with the King County Flood Control Zone District. (Mapping on Vashon and Maury Islands funded separately.) Features include slumps, slides, debris fans, and rock avalanche deposits but are shown collectively and not differentiated in this preliminary mapping. This mapping is based entirely on interpretation of LIDAR imagery and published geologic mapping. Features too small or indistinct to be visible are not included. LIDAR imagery across the study area has been assembled from a variety of sources collected at different times and resolutions. Potential runout areas have not been evaluated and are not shown in Phase 1 mapping. For further information about LIDAR imagery, contact the King County GIS Center.

This map does not purport to show all areas of instability or potential instability within the study limits. In particular many hillsides in King County are subject to failures involving a shallow layer of surficial soil. Areas at risk from this type of landsliding are widespread, but evidence of such instability is not visible using LIDAR Imagery. Areas at risk from such failures are not shown on this map.

This map represents the results of initial (Phase 1) mapping of topographic features potentially susceptible to landsliding. This mapping has not been peer reviewed, or verified by field inspection. Additional geologic and geotechnical information exists, but has not been used at this time for this mapping effort. Landslide delineation methods used to prepare this preliminary mapping are subject to revision. This Phase 1 map is presented to identify areas that will receive further evaluation during Phase 2. In Phase 2, mapping methodology will be refined and further geological and geotechnical information, as available, will be incorporated. In Phase 2 the mapping methods and extents of mapped areas will be reviewed by a panel of geological professionals. This Phase 2 mapping will include the preliminary classification of landslides by type (rock fall, debris flow, etc.), their potential significance, the identification of historically active landslides, the identification of likely landslide runout zones, and the identification of areas at risk for debris dam formation leading to upstream flooding.



Funding for the preparation of Phase 1 mapping along major rivers was provided by the King County Flood Control District. Independent of this funding, King County completed the Phase 1 mapping for the Vashon-Maury Islands.




Study Limits

Mapping (2014) by King County Staff

Incorporated Areas



October 2014



King County

Department of Natural Resources and Parks

Water and Land Resources Division

River and Floodplain Management Section



KING COUNTY

FLOOD CONTROL

DISTRICT

The information included on this map has been compiled by King County staff from a variety of sources and is subject to change without notice. King County makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. King County shall not be liable for any errors, omissions, or inaccuracies in such information regardless of their cause, and King County shall not be liable for any decision made, action taken, or action not taken by the user in reliance upon such information. This document is not intended for use as a survey product. King County shall not be liable for any general, special, indirect, incidental, or consequential damages including, but not limited to, lost revenues or lost profits resulting from the use or misuse of the information contained on this map. Any sale of this map or information on this map is prohibited except by written permission of King County. This disclaimer is also made by the King County Flood Control District.

Data sources: King County GIS Library, King County staff mapping, WA DNR DGR

File name: 1410_4383w_landslideMAP_low.ai